

**To:** Brown, Anthony R (RM)[anthony.brown@bp.com]  
**Cc:** Greg Reller[gr@burlesonconsulting.com]; Beth Kelly[bk@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Eidelberg, Joseph[Eidelberg.Joseph@epa.gov]; Lombardi, Marc (marc.lombardi@amecfw.com)[marc.lombardi@amecfw.com]  
**From:** Deschambault, Lynda  
**Sent:** Tue 5/30/2017 3:35:23 PM  
**Subject:** FW: Results for surface water testing - Leviathan Mine - Work Order 1604061

**Dear Mr. Brown;**

**Could you let us know the status of your laboratory results for the split comparisons we collected from you on May 1, 2017?**

AMEC Foster Wheeler (under contract Atlantic Richfield) collected composite samples with an automated sampling device on May 1, 2017 as part of the 2017 Snowmelt Water Run-off Program. EPA obtained composite split samples for total and dissolved metals from two locations (ST-04 and ST-08; Figure 2 – Storm Water Monitoring Locations). EPA referenced these samples under Lab Project R17S69 and Work Order 1705023. Chain-of-custody is provided as Attachment B. Further detail regarding the composite sample collection is provided below.

#### **Composite Samples – Splits with Atlantic Richfield**

At EPA's request, AMEC collected additional volume of a 24-hour composite, flow-proportioned sample on May 1, 2017. Attempts made the week prior were unsuccessful due to programming difficulties and/or volume limitations. EPA provided the containers, cooler, and a chain-of-custody (COC) the week prior in the event sample could be obtained the following week. On May 1, AMEC filtered, chemically preserved, and delivered the samples to the AMEC Rancho Cordova office, where they remained stored in a refrigerator under COC. EPA gained custody of the samples from AMEC on May 4, 2017 and delivered the samples to the Region 9 Richmond, CA Lab the same day. EPA requested analysis for total and dissolved metals only, as only a limited volume was attained. The lab will perform the metals analyses in accordance with the procedures detailed in Table 1 – Proposed 2017 Surface Water Monitoring, Leviathan Mine Site, Alpine County, California (Attachment E).

#### **ST-04 – Leviathan Creek**

AMEC collected this sample just below Delta Seep.

#### **ST-08 – Aspen Creek**

AMEC collected this sample below the disturbed area and above the Aspen bioreactor.

Could you please provide EPA with ARC's results for these samples us to complete the QA/QC comparisons?

Lynda